

2 Boxes



Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200  
Fax 613 632-5246

✓ D5273-043  
Job Sheet 196244



Part No: D5273-043

Job Qty: 20 pcs ✓

Part Name: End Fitting Assembly



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 6/10/19

Job Tracking No:

Due Date: 6/28/19

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: DWG REV C IPP REV:A 15.07.28 NEW ISSUE DD VERF:JLM

Ship Via:

## Bill of Materials

## Job Routing

| Op No | Operation         | Qty       | Start Date | Due Date | Standard  |         | Workcenter/Supplier   |           | Sign-off    |
|-------|-------------------|-----------|------------|----------|-----------|---------|-----------------------|-----------|-------------|
|       |                   |           |            |          | Setup Hrs | Run Hrs | Workcenter / Supplier | Lead Time |             |
| 100   | Bandsaw - 1       | 20<br>pcs |            | 6/28/19  | 0.00      | 0.02    | Bandsaw - 1           |           | ml 19/06/23 |
| 110   | HAAS 5 Axis - B4B | 20<br>pcs |            | 6/28/19  | 0.06      | 35.71   | HAAS - 5 - B4B        |           | ml 19/06/27 |
| 120   | QC 2              | 20<br>pcs |            | 6/28/19  | 0.00      | 0.00    | QC 2 - 1              |           |             |
|       |                   |           |            |          |           |         | QC 2 - 12             |           |             |
|       |                   |           |            |          |           |         | QC 2 - 14             |           | ml 19/06/27 |
|       |                   |           |            |          |           |         | QC 2 - 17             |           |             |
|       |                   |           |            |          |           |         | QC 2 - 19             |           |             |
|       |                   |           |            |          |           |         | QC 2 - 2              |           |             |
|       |                   |           |            |          |           |         | QC 2 - 20             |           |             |
|       |                   |           |            |          |           |         | QC 2 - 22             |           |             |
|       |                   |           |            |          |           |         | QC 2 - 23             |           |             |
|       |                   |           |            |          |           |         | QC 2 - 25             |           |             |
|       |                   |           |            |          |           |         | QC 2 - 32             |           |             |
|       |                   |           |            |          |           |         | QC 2 - 33             |           |             |
|       |                   |           |            |          |           |         | QC 2 - 35             |           |             |
|       |                   |           |            |          |           |         | QC 2 - 39             |           |             |
|       |                   |           |            |          |           |         | QC 2 - 4              |           |             |
|       |                   |           |            |          |           |         | QC 2 - 40             |           |             |
|       |                   |           |            |          |           |         | QC 2 - 44             |           |             |
|       |                   |           |            |          |           |         | QC 2 - 45             |           |             |
|       |                   |           |            |          |           |         | QC 2 - 48             |           |             |
|       |                   |           |            |          |           |         | QC 2 - 49             |           |             |
|       |                   |           |            |          |           |         | QC 2 - 50             |           |             |
|       |                   |           |            |          |           |         | QC 2 - 51             |           |             |
|       |                   |           |            |          |           |         | QC 2 - 52             |           |             |
|       |                   |           |            |          |           |         | QC 2 - 57             |           |             |
|       |                   |           |            |          |           |         | QC 2 - 62             |           |             |
|       |                   |           |            |          |           |         | QC 2 - 63             |           |             |
|       |                   |           |            |          |           |         | QC 2 - 8              |           |             |
|       |                   |           |            |          |           |         | QC 2 - 66             |           |             |



Container No: S194457



Part: D5273 - 043

Job No: 196244

Serial No/Batch: S194457

Revision:

Inspector:

Exp Date:

Instructions: Various STC's

Dart Aerospace Ltd.  
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Email: sales@dartaero.com  
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Date: 06/27/19

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|     |                               |           |         |           |                        |               |
|-----|-------------------------------|-----------|---------|-----------|------------------------|---------------|
|     |                               |           |         |           | QC 2 - 64              |               |
|     |                               |           |         |           | QC 2 - 65              |               |
|     |                               |           |         |           | QC 2 - 5               |               |
|     |                               |           |         |           | QC 2 - 71              |               |
|     |                               |           |         |           | QC 2 - 73              |               |
|     |                               |           |         |           | QC 2 - 69              |               |
| 130 | QC 8                          | 20<br>pcs | 6/28/19 | 0.00 0.00 | QC 8 - 12              |               |
|     |                               |           |         |           | QC 8 - 14              |               |
|     |                               |           |         |           | QC 8 - 17              |               |
|     |                               |           |         |           | QC 8 - 20              |               |
|     |                               |           |         |           | QC 8 - 25              |               |
|     |                               |           |         |           | QC 8 - 3               |               |
|     |                               |           |         |           | QC 8 - 32              |               |
|     |                               |           |         |           | QC 8 - 33              |               |
|     |                               |           |         |           | QC 8 - 35              |               |
|     |                               |           |         |           | QC 8 - 39              |               |
|     |                               |           |         |           | QC 8 - 4               |               |
|     |                               |           |         |           | QC 8 - 44              |               |
|     |                               |           |         |           | QC 8 - 45              |               |
|     |                               |           |         |           | QC 8 - 49              |               |
|     |                               |           |         |           | QC 8 - 58              |               |
|     |                               |           |         |           | QC 8 - 8               | Ba 19-07-02   |
|     |                               |           |         |           | QC 8 - 9               |               |
|     |                               |           |         |           | QC 8 - 68              |               |
|     |                               |           |         |           | QC 8 - 67              |               |
|     |                               |           |         |           | QC 8 - 1 (A)           |               |
|     |                               |           |         |           | QC 8 - 47              |               |
|     |                               |           |         |           | QC 8 - 40              |               |
|     |                               |           |         |           | QC 8 - 52              |               |
|     |                               |           |         |           | QC 8 - 23              |               |
|     |                               |           |         |           | QC 8 - 57              |               |
| 150 | Outsource - 4 - Anodize       | 20<br>pcs | 6/28/19 | 0.00 0.00 | GROO02                 | XH 2019-07-04 |
| 160 | Packaging 2-1 - Receive - B4B | 20<br>pcs | 6/28/19 | 0.00 0.00 | Packaging 2 - 1 - B4B  |               |
|     |                               |           |         |           | Packaging 2 - 2 - B4B  |               |
|     |                               |           |         |           | Packaging 2 - 3 - B4B  |               |
|     |                               |           |         |           | Packaging 2 - 5 - B4B  |               |
|     |                               |           |         |           | Packaging 2 - 4 - B4B  |               |
|     |                               |           |         |           | Packaging 2 - 6 - B4B  |               |
|     |                               |           |         |           | Packaging 2 - 7 - B4B  |               |
|     |                               |           |         |           | Packaging 2 - 8 - B4B  |               |
|     |                               |           |         |           | Packaging 2 - 9 - B4B  |               |
|     |                               |           |         |           | Packaging 2 - 10 - B4B |               |
|     |                               |           |         |           | Packaging 2 - 11 - B4B |               |
|     |                               |           |         |           | Packaging 2 - 12 - B4B |               |
|     |                               |           |         |           | Packaging 2 - 13 - B4B |               |
|     |                               |           |         |           | Packaging 2 - 14 - B4B |               |
|     |                               |           |         |           | Packaging 2 - 15 - B4B |               |
|     |                               |           |         |           | Packaging 2 - 16 - B4B |               |
|     |                               |           |         |           | Packaging 2 - 17 - B4B |               |
|     |                               |           |         |           | Packaging 2 - 18 - B4B |               |
|     |                               |           |         |           | Packaging 2 - 19 -     |               |

|                         |        |         |           |                        |                |
|-------------------------|--------|---------|-----------|------------------------|----------------|
|                         |        |         |           | B4B                    |                |
|                         |        |         |           | Packaging 2 - 20 - B4B |                |
|                         |        |         |           | Packaging 2 - 21 - B4B |                |
|                         |        |         |           | Packaging 2 - 22 - B4B |                |
|                         |        |         |           | Packaging 2 - 23 - B4B |                |
|                         |        |         |           | Packaging 2 - 24 - B4B |                |
|                         |        |         |           | Packaging 2 - 25 - B4B |                |
|                         |        |         |           | Packaging 2 - 26 - B4B |                |
|                         |        |         |           | Packaging 2 - 27 - B4B |                |
|                         |        |         |           | Packaging 2 - 28 - B4B |                |
|                         |        |         |           | Packaging 2 - 29 - B4B |                |
|                         |        |         |           | Packaging 2 - 30 - B4B |                |
|                         |        |         |           | Packaging 2 - 31 - B4B |                |
|                         |        |         |           | Packaging 2 - 32 - B4B |                |
|                         |        |         |           | Packaging 2 - 33 - B4B |                |
|                         |        |         |           | Packaging 2 - 34 - B4B |                |
|                         |        |         |           | Packaging 2 - 35 - B4B |                |
|                         |        |         |           | Packaging 2 - 36 - B4B |                |
| 170 QC 5                | 20 pcs | 6/28/19 | 0.00 0.00 | QC 5 - 10              |                |
|                         |        |         |           | QC 5 - 12              |                |
|                         |        |         |           | QC 5 - 17              |                |
|                         |        |         |           | QC 5 - 18              |                |
|                         |        |         |           | QC 5 - 19              |                |
|                         |        |         |           | QC 5 - 22              |                |
|                         |        |         |           | QC 5 - 24              |                |
|                         |        |         |           | QC 5 - 3               |                |
|                         |        |         |           | QC 5 - 43              |                |
|                         |        |         |           | QC 5 - 49              |                |
|                         |        |         |           | QC 5 - 51              | DAS            |
|                         |        |         |           | QC 5 - 58              | 81             |
|                         |        |         |           | QC 5 - 68              | 9-89           |
|                         |        |         |           | QC 5 - 9               | JUL 11 2019    |
|                         |        |         |           | QC 5 - 50              |                |
|                         |        |         |           | QC 5 - 30              |                |
|                         |        |         |           | QC 5 - 40              |                |
| 180 Small Fab - 2 - B4B | 20 pcs | 6/28/19 | 0.00 2.31 | Small Fab - 1 - B4B    | SMB<br>19/7/11 |
|                         |        |         |           | Small Fab - 2 - B4B    |                |
|                         |        |         |           | Small Fab - 3 - B4B    |                |
|                         |        |         |           | Small Fab - 4 - B4B    |                |
|                         |        |         |           | Small Fab - 5 - B4B    |                |
|                         |        |         |           | Small Fab - 6 - B4B    |                |
|                         |        |         |           | Small Fab - 7 - B4B    |                |
| 190 QC 5                | 20 pcs | 6/28/19 | 0.00 0.00 | QC 5 - 10              |                |
|                         |        |         |           | QC 5 - 12              | DAS            |
|                         |        |         |           | QC 5 - 17              | 81             |
|                         |        |         |           |                        | 9-89           |
|                         |        |         |           |                        | JUL 12 2019    |



|     |                             |           |         |           |                                   |                      |
|-----|-----------------------------|-----------|---------|-----------|-----------------------------------|----------------------|
|     |                             |           |         |           | QC 5 - 18                         |                      |
|     |                             |           |         |           | QC 5 - 19                         |                      |
|     |                             |           |         |           | QC 5 - 22                         |                      |
|     |                             |           |         |           | QC 5 - 24                         |                      |
|     |                             |           |         |           | QC 5 - 3                          |                      |
|     |                             |           |         |           | QC 5 - 43                         |                      |
|     |                             |           |         |           | QC 5 - 49                         |                      |
|     |                             |           |         |           | QC 5 - 51                         |                      |
|     |                             |           |         |           | QC 5 - 58                         |                      |
|     |                             |           |         |           | QC 5 - 68                         |                      |
|     |                             |           |         |           | QC 5 - 9                          |                      |
|     |                             |           |         |           | QC 5 - 50                         |                      |
|     |                             |           |         |           | QC 5 - 30                         |                      |
|     |                             |           |         |           | QC 5 - 40                         |                      |
| 200 | Packaging 3-1 - Stock - B4B | 20<br>pcs | 6/28/19 | 0.00 0.00 | Packaging 3 - 1 - B4B             |                      |
|     |                             |           |         |           | Packaging 3 - 2 - B4B             |                      |
|     |                             |           |         |           | → Packaging 3 - 3 - B4B <i>OR</i> | <i>Bin: ST227A ✓</i> |
|     |                             |           |         |           | Packaging 3 - 4 - B4B             |                      |
|     |                             |           |         |           | Packaging 3 - 5 - B4B             |                      |
|     |                             |           |         |           | Packaging 3 - 6 - B4B             |                      |
|     |                             |           |         |           | Packaging 3 - 7 - B4B             |                      |
|     |                             |           |         |           | Packaging 3 - 8 - B4B             |                      |
|     |                             |           |         |           | Packaging 3 - 9 - B4B             |                      |
|     |                             |           |         |           | Packaging 3 - 10 - B4B            |                      |
|     |                             |           |         |           | Packaging 3 - 11 - B4B            |                      |
|     |                             |           |         |           | Packaging 3 - 12 - B4B            |                      |
|     |                             |           |         |           | Packaging 3 - 13 - B4B            |                      |
|     |                             |           |         |           | Packaging 3 - 14 - B4B            |                      |
|     |                             |           |         |           | Packaging 3 - 15 - B4B            |                      |
|     |                             |           |         |           | Packaging 3 - 16 - B4B            |                      |
|     |                             |           |         |           | Packaging 3 - 17 - B4B            |                      |
|     |                             |           |         |           | Packaging 3 - 18 - B4B            |                      |
|     |                             |           |         |           | Packaging 3 - 19 - B4B            |                      |
|     |                             |           |         |           | Packaging 3 - 20 - B4B            |                      |
|     |                             |           |         |           | Packaging 3 - 21 - B4B            |                      |
|     |                             |           |         |           | Packaging 3 - 22 - B4B            |                      |
|     |                             |           |         |           | Packaging 3 - 23 - B4B            |                      |
|     |                             |           |         |           | Packaging 3 - 24 - B4B            |                      |
|     |                             |           |         |           | Packaging 3 - 25 - B4B            |                      |
|     |                             |           |         |           | Packaging 3 - 26 - B4B            |                      |
|     |                             |           |         |           | Packaging 3 - 27 - B4B            |                      |
|     |                             |           |         |           | Packaging 3 - 28 - B4B            |                      |
|     |                             |           |         |           | Packaging 3 - 29 - B4B            |                      |

|                |        |         |           |                        |                |
|----------------|--------|---------|-----------|------------------------|----------------|
|                |        |         |           | Packaging 3 - 30 - B4B |                |
|                |        |         |           | Packaging 3 - 31 - B4B |                |
|                |        |         |           | Packaging 3 - 32 - B4B |                |
|                |        |         |           | Packaging 3 - 33 - B4B |                |
|                |        |         |           | Packaging 3 - 34 - B4B |                |
|                |        |         |           | Packaging 3 - 35 - B4B |                |
|                |        |         |           | Packaging 3 - 36 - B4B |                |
| 210 QC 21 - SA | 20 pcs | 6/28/19 | 0.00 0.00 | QC 21 - SA - 21        | DAS            |
|                |        |         |           | QC 21 - SA - 70        | JUL 12 2019 70 |
|                |        |         |           | QC 21 - SA - 53        | 9-89           |

Part Op 110 - (HAAS CNC vertical machine #5)  
 Descriptions: 120 - (QC2- Inspect parts off machine FAI/FAIB)  
 130 - (QC8- Inspect parts - second check)  
 150 - (Outsource process-Anodize per QSI017 4.1.10.1)  
 160 - (Receive & Inspect for Damage & Mat'l Certs)  
 170 - (QC5- Inspect part completeness to step on W/O)  
 190 - (QC5- Inspect part completeness to step on W/O)  
 200 - (Identify as per dwg & Stock Location: \_\_\_\_\_)  
 210 - (QC21- Final Inspection - Work Order Release)

## Job BOM

| Part / Item                | Component Name          | Quantity       | Operation               | Container                              |
|----------------------------|-------------------------|----------------|-------------------------|----------------------------------------|
| M6061T6B2.750X03.750       | 6061-T6 Bar 2.75 X 3.75 | 8 ft (.4 ea)   | 100-Bandsaw - 1         | FM136108                               |
| CR1122-3-02.5 <i>GACCS</i> | Rivet                   | 240 Ea (12 ea) | 180-Small Fab - 2 - B4B | 5190409                                |
| MS21076-3 <i>GACIR</i>     | Anchor Nut              | 100 Ea (5 ea)  | 180-Small Fab - 2 - B4B | <i>info</i> m134502-301X 16<br>5192399 |

## Job Allocations

| Operation               | Component Part       | Required | Inventory | Allocated |
|-------------------------|----------------------|----------|-----------|-----------|
| 100-Bandsaw - 1         | M6061T6B2.750X03.750 | 8        | 9         | 0         |
| 180-Small Fab - 2 - B4B | CR1122-3-02.5        | 240      | 72        | 0         |
|                         | MS21076-3            | 100      | 17        | 0         |

## Part Specifications

Specifications could not be found.

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|                                     |  |                     |         |
|-------------------------------------|--|---------------------|---------|
| <b>DART AEROSPACE LTD</b>           |  | <b>Work Order:</b>  | 196244  |
| <b>Description: End Fitting</b>     |  | <b>Part Number:</b> | D5273-3 |
| <b>Inspection Dwg: D5273 Rev: C</b> |  | <b>Page 1 of 1</b>  |         |

### INSPECTION SHEET

| Drawing Dimension | Tolerance               | Actual Dimension | Accept | Reject | Method of Inspection | Comments |
|-------------------|-------------------------|------------------|--------|--------|----------------------|----------|
| 1.000             | +/-0.010                | 1.000            | —      |        | Vern M/LD            |          |
| 4.50              | +/-0.030                | 4.506            | —      |        | "                    |          |
| 2.140             | +/-0.010                | 2.140            | —      |        | "                    |          |
| 0.100             | +/-0.010                | .098             | —      |        | "                    |          |
| CSK 100°          | +/-0.5°                 | CSK 100°         | —      |        |                      |          |
| R0.25             | +/-0.030                | R.250            | —      |        | R-6                  |          |
| 1.287             | +/-0.010                | 1.287            | —      |        | Vern M/LD            |          |
| 0.06              | +/-0.030                | .040             | —      |        | "                    |          |
| 2.500             | +/-0.010                | 2.498            | —      |        | "                    |          |
| 2.25              | +/-0.030                | 2.250            | —      |        | "                    |          |
| R0.25             | +/-0.030                | R.250            | —      |        | R-6                  |          |
| 2.00              | +/-0.030                | 2.000            | —      |        | Vern M/LD            |          |
| 0.544             | +/-0.010                | .544             | —      |        | "                    |          |
| 0.925             | +/-0.010                | .926             | —      |        | "                    |          |
| 0.500             | +/-0.005                | .500             | —      |        | "                    |          |
| 0.250             | +/-0.005                | .250             | —      |        | "                    |          |
| 1.420             | +/-0.010                | 1.420            | —      |        | "                    |          |
| 3.00              | +/-0.030                | 2.998            | —      |        | "                    |          |
| Ø1.510            | +0.002/-0.000           | 1.512            | —      |        | "                    |          |
| Ø0.098            | +0.004/-0.001           | Ø.098            | —      |        | "                    |          |
| Ø0.179 x 100°     | +0.005/-0.001 x +/-0.5° | Ø.179 x 100°     | —      |        | "                    |          |
| Ø0.250            | +0.005/-0.001           | Ø.251            | —      |        | "                    |          |
| 0.500             | +/-0.010                | .500             | —      |        | "                    |          |
| 1.000             | +/-0.010                | 1.002            | —      |        | "                    |          |
| Ø0.201            | +0.005/-0.001           | Ø.201            | —      |        | "                    |          |
| 2.340             | +0.000/-0.010           | 2.339            | —      |        | "                    |          |
| 10°               | +/-0.5°                 | 10°              | —      |        | C-Square             |          |
| 2.840             | +0.000/-0.010           | 2.839            | —      |        | Vern M/LD            |          |
| R0.21             | +/-0.030                | R.210            | —      |        | R-6                  |          |
| R0.25             | +/-0.030                | R.250            | —      |        | "                    |          |
| 0.080             | +/-0.010                | .080             | —      |        | Vern M/LD            |          |
| R0.51             | +/-0.030                | R.510            | —      |        | R-6                  |          |
| R2.01             | +/-0.030                | R2.010           | —      |        | "                    |          |
| 0.10              | +/-0.030                | .100             | —      |        | Vern M/LD            |          |

|                     |                    |                    |                    |                      |  |
|---------------------|--------------------|--------------------|--------------------|----------------------|--|
| <b>Measured by:</b> | <i>[Signature]</i> | <b>Checked by:</b> | <i>[Signature]</i> | <b>QC Inspector:</b> |  |
| <b>Date:</b>        | 19/06/23           | <b>Date:</b>       | 19-07-02           | <b>Date:</b>         |  |

|                                                |  |              |  |
|------------------------------------------------|--|--------------|--|
| <b>Engineering Approval:</b><br>(If necessary) |  | <b>Date:</b> |  |
|------------------------------------------------|--|--------------|--|

| Rev | Date     | Change          | Revised by | Approved           |
|-----|----------|-----------------|------------|--------------------|
| A   | 16.03.17 | New Issue       | KJ         | <i>[Signature]</i> |
| B   | 16.10.13 | Dwg Rev updated | KJ         | <i>[Signature]</i> |

Entered: \_\_\_\_\_ Date: \_\_\_\_\_



## WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. \_\_\_\_\_

Route update only ☐

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |                        |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------|--|
| Job: _____<br><br>Part No. _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <b>DISPOSITION</b><br><br>Rework <input type="checkbox"/><br>Scrap <input type="checkbox"/><br>Use-as-is <input type="checkbox"/> | <b>DEPARTMENT/PROCESS</b><br><br><div style="display: flex; justify-content: space-between;"> <div>           Skid-tube <input type="checkbox"/><br/>           Machining <input type="checkbox"/><br/>           Large Fab <input type="checkbox"/> </div> <div>           Cross tube <input type="checkbox"/><br/>           Small Fab <input type="checkbox"/><br/>           Finishing <input type="checkbox"/> </div> <div>           Eng. (Non-AW) <input type="checkbox"/><br/>           Prod. Eng. Coord. <input type="checkbox"/><br/>           Rec/Store/Packaging <input type="checkbox"/> </div> <div>           Engineering <input type="checkbox"/><br/>           Water Jet <input type="checkbox"/><br/>           Supplier <input type="checkbox"/><br/>           Quality <input type="checkbox"/> </div> </div> |  |                        |  |
| Date :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Sequence #:                                                                                                                       | QTY Affected :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  | MRB (QSI042)           |  |
| Description Work Order Deviation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                   | Disposition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  | Completed By           |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  | Lead hand / Supervisor |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |                        |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  | QC / QA Coordinator    |  |
| <b>Root Cause</b><br><br><div style="display: flex; justify-content: space-between;"> <div>           Operator <input type="checkbox"/><br/>           Manufacturing Process <input type="checkbox"/><br/>           Equip/Tooling <input type="checkbox"/><br/>           Handling/Presservation <input type="checkbox"/><br/>           Material <input type="checkbox"/><br/>           Product Improvement <input type="checkbox"/><br/>           Process Improvement <input type="checkbox"/><br/>           Human Factors <input type="checkbox"/> </div> <div> <input type="checkbox"/> Pressure/Forced<br/> <input type="checkbox"/> Bending<br/> <input type="checkbox"/> Crushing<br/> <input type="checkbox"/> Cracks<br/> <input type="checkbox"/> Crimp/Kink/Ripple/Wave/Twist<br/> <input type="checkbox"/> Marks/Chatter<br/> <input type="checkbox"/> Mislabeled         </div> <div> <input type="checkbox"/> Contamination<br/> <input type="checkbox"/> Misaligned/off center<br/> <input type="checkbox"/> BOM/Route<br/> <input type="checkbox"/> Broken/Damage/Defect<br/> <input type="checkbox"/> Incomplete/Unclear Instructions<br/> <input type="checkbox"/> Drill Holes<br/> <input type="checkbox"/> Fit/Function         </div> <div> <input type="checkbox"/> Power Loss/Surge<br/> <input type="checkbox"/> Folio/Program<br/> <input type="checkbox"/> Grain Direction<br/> <input type="checkbox"/> Weld<br/> <input type="checkbox"/> Wrong Stock Pulled<br/> <input type="checkbox"/> Out of Sequence<br/> <input type="checkbox"/> Off-set/Set-up         </div> <div> <input type="checkbox"/> Positioned Wrong<br/> <input type="checkbox"/> Outside Tolerance<br/> <input type="checkbox"/> Drawing<br/> <input type="checkbox"/> Finish<br/> <input type="checkbox"/> Part Lost/Missing<br/> <input type="checkbox"/> Misread         </div> </div> |                                                                                                                                   | <b>FAULT CATEGORY</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |                        |  |
| Other/Details:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |                        |  |





Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200

# PURCHASE ORDER

## POHB043921



**Supplier:** GRO002-VC  
Group Altech  
2455 Halpern  
St Laurent  
QC  
H4S 1N9 Canada  
Phone: 514-335-3666  
Fax: 514-335-3868

**Attention:** Grenon, Sylvie

**Ship To:** 1270 Aberdeen Street  
Hawkesbury  
ON  
K6A 1K7 Canada  
Phone: 613-632-5200

**PO No:** POHB043921

**PO Date:** 7/4/19

**Due Date:** 7/12/19

**Purchase Order  
Revision:**

**Revision Date:**

**Ship-To Contact:** Guerin, Kimberley  
Phone: 613-632-5200 Ext: 298  
kguerin@dartaero.com

**Via:** Ground

**Pymt Terms:** Net 60

**Freight Terms:**

**Special Comments:**

**E-MAILED**  
2019-07-10

### Items

| Line Item           | Job    | Part      | Description                                                                                                                                                                                                                         | Status | Account | Due Date | Order Quantity | Received Quantity | Balance | Unit Price (CAD) | Extended Price  |
|---------------------|--------|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|---------|----------|----------------|-------------------|---------|------------------|-----------------|
| 1                   | 196244 | D5273-043 | End Fitting Assembly<br>: Various STC's<br>(Outsource process-Anodize per QSI017 4.1.10.1)<br><br>ISSUE P/O<br>:<br>ANODIZE BLACK PER MIL-A-8625F TYPE I OR IB OR IC OR II OR IIB CLASS 2 AFTER MACHINING<br><br>C OF C IS REQUIRED | Firmed | -       | 7/12/19  | 20 pcs         | 0 pcs             | 20 pcs  | \$5.75/pcs       | \$115.00        |
| 2                   | 194400 | D1038-58B | Avionics Fastener Rail<br>: Various STC's<br>Issue P/O:<br>Black Anodize as per Dwg D1038                                                                                                                                           | Firmed | -       | 7/12/19  | 50 pcs         | 0 pcs             | 50 pcs  | \$4.25/pcs       | \$212.50        |
| <b>Grand Total:</b> |        |           |                                                                                                                                                                                                                                     |        |         |          |                |                   |         |                  | <b>\$327.50</b> |

*Prices pending Ad  
pending emailed  
Spartakos  
July 9th  
\$1.75 was an error*

*[Signature]*





# Certificat de Conformité / Certificate of Compliance

(020509-1)

2455, Rue Halpern | Saint-Laurent | Québec | H4S 1N9  
 Tel: 514-335-3666 Fax: 514-335-3868  
 www.groupealtech.com

## Bon de Livraison / Packing Slip

**020509 - 1**

Livré à / Ship to

**DART AEROSPACE LTD**  
 1270 ABERDEEN STREET  
 HAWKESBURY, ON, K6A1K7  
 CANADA  
 Tel.: 613-632-5200 Fax: .

Client / Customer:

**DART AEROSPACE LTD**  
 1270 ABERDEEN STREET  
 HAWKESBURY, ON, K6A1K7  
 CANADA  
 BUYER:

|                              |                                                                           |                                                                                                                           |                                                |                   |                                                       |                   |               |                        |
|------------------------------|---------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|-------------------|-------------------------------------------------------|-------------------|---------------|------------------------|
| Date expédition<br>Ship date |                                                                           | Créé Par<br>Generated By                                                                                                  | Transport / No de Compte<br>Courier / Acc. No. |                   | Bon de commande Client<br>Customer Purchase Order No. |                   |               |                        |
| 10-Jul-2019                  |                                                                           | SVETLANA DORZHIYEVA                                                                                                       |                                                |                   | POHB043921 ✓                                          |                   |               |                        |
| #Ligne<br>Line#              | No. de Série / # Pièce<br>Part Number /Line Item Details<br>Job # / Ref # | Description pièce(s)                                                                                                      | CATG.<br>U/M                                   | Comm.<br>/Ordered | Exp/<br>Shipped                                       | Qté NC/<br>NC Qty | Qté<br>Scrap/ | À venir/<br>Back Order |
| 1                            | D5273-043 ✓<br>Rev.                                                       | D5273-043<br>01-ANO-BLACK [ANODIZE BLACK]<br>A PER MIL-A-8625F TYPE I OR IB OR IC<br>OR II OR IIB CLASS 2 AFTER MACHINING | ANODIZE<br><br>CH                              | 20                | 20 ✓                                                  | 0                 | 0             | 0                      |
| 2                            | D1038-58B ✓<br>Rev.                                                       | D1038-58B<br>01-ANO-BLACK [ANODIZE BLACK]                                                                                 | ANODIZE<br><br>CH                              | 50                | 50 ✓                                                  | 0                 | 0             | 0                      |

Notes Additionnelles / Additional Notes

Epaisseur réelle  
Actual Thickness

Inspecteur Qualité  
Quality Inspector

Réçu par  
Received By

*[Signature]*

Nous certifions que les pièces énumérées ci-dessus ont été traitées en conformité avec votre commande et vos spécifications et rencontrent les exigences.  
 Notre responsabilité financière et légale ne sera pas supérieure au montant de la facture issue.

We hereby certify that the parts listed above have been process in accordance with your purchase order and specifications and are in conformance with your requirements.  
 Our financial and legal responsibility will not be higher than the amount of invoice.